ABSTRACT OF THE DISCLOSURE

A cryogenic transfer system includes:

a cryogenic fluid storage and/or processing structure, an off shore loading and/or offloading structure having a base and a reel element rotatable relative to the base around an axis,

a transfer duct extending from the fluid storage and/or processing structure to the loading and/or offloading structure,

a flexible hose windable around the reel element, connectable with a first end to the duct, and with a second end to a floating structure.

The transfer duct includes a first and a second duct, each having an end part at or near the loading and/or offloading structure, the flexible hose being with the first end connectable to the end part of at least the first or the second duct.

The loading and/or offloading structure includes lifting elements.